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CONFIRMATION NO. 5037

<b>SERIAL NUMBER</b> 10/750,169	<b>FILING OR 371(c) DATE</b> 12/31/2003 <b>RULE</b>	<b>CLASS</b> 375	<b>GROUP ART UNIT</b> 2611	<b>ATTORNEY DOCKET NO.</b> 884.A49US1
<b>APPLICANTS</b> John S. Sadowsky, Mesa, AZ;				
** CONTINUING DATA ***** N/A <i>cr</i>				
** FOREIGN APPLICATIONS ***** N/A <i>cr</i>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 05/10/2004				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Allowance <i>cr</i> Acknowledged Examiner's Signature Initials		<b>STATE OR COUNTRY</b> AZ	<b>SHEETS DRAWING</b> 8	<b>TOTAL CLAIMS</b> 30 28 <b>INDEPENDENT CLAIMS</b> 6
<b>ADDRESS</b> 21186				
<b>TITLE</b> Symbol de-mapping methods in multiple-input multiple-output systems				
<b>FILING FEE RECEIVED</b> 1338	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	